

# King County Flood Control District Advisory Committee

May 30, 2013  
Kirkland City Hall

# 2014 Budget Development Process

- Basin-level review of project status and key changes (late April)
- May 1: Advisory Committee Budget Preview
- May 14: Joint BTC meeting to review operating proposal and combined CIP proposal
- **May 30: Advisory Committee:**  
**“Temperature Read”? (today)**
- June 26: Advisory Committee
- July 18: Advisory Committee (if necessary)
- Late July: Draft Advisory Committee Report
- August 31: Transmit Report to Board of Supervisors

NOTE: Budget documents are preliminary drafts.

# PRELIMINARY DRAFT Financial Plan

- Revenues
  - Flood District Levy
  - Grants
- Expenditures
  - District Administration
  - Operating Programs
  - Capital
- Fund Balance Requirements

# PRELIMINARY DRAFT Operating

## Flood District Work Program

- Flood Preparedness, Regional Flood Warning Center, and Post Flood Recovery
- Planning, Grants, Mitigation, and Public Outreach
- Flood Hazard Assessments, Mapping, and Technical Studies
- Resource Management, Annual Maintenance, and Facility Monitoring



Sammamish Transition Zone

## Key Changes for 2014:

- Reduced cost for Sammamish Transition Zone Maintenance
- Reduced cost for fuel at Black River Pump Station
- Reduced training costs

## Overall:

- \$9.598M Draft Total Budget
- \$476K or 4.7% less than 2013



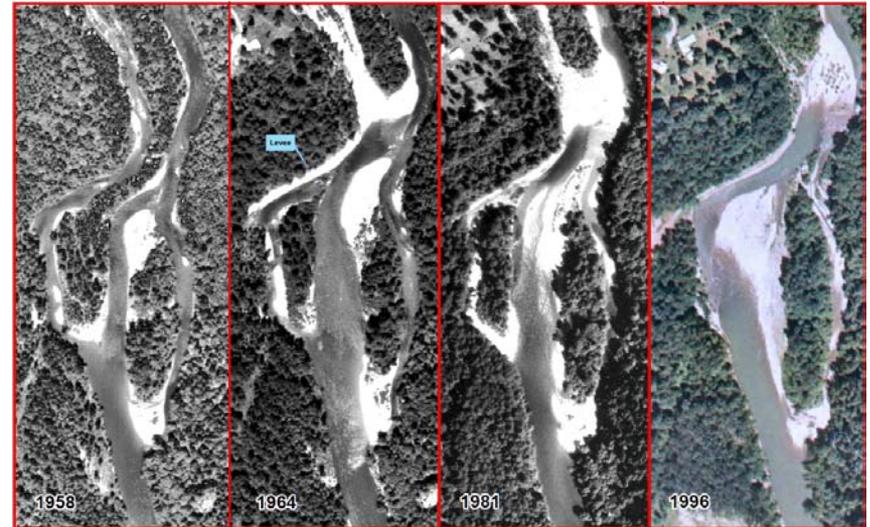
Black River Pump Station Fuel

# PRELIMINARY DRAFT Capital Guiding Principles

- Follow through on commitments to high priority public safety projects
- Adjust timing based on readiness, landowner willingness, etc
- Adjust based on key design milestones if necessary
- New Corridor Plan Implementation projects
- Expenditure rate: 45% increasing to 65%
- \$7.5 million fund balance for insurance

# PRELIMINARY DRAFT Capital Changes since 2013?

- Corridor plans
  - Tolt Construction funding
- Lower Snoqualmie repair (new, repair from 2011 flood)
- Briscoe floodwall (2013 Board resolution)
- Construction timing adjustments
  - Cedar Gravel Removal, Middle Fork Snoqualmie



# PRELIMINARY DRAFT Capital Partnerships and Service Agreements



Elliott Bay Seawall, Seattle



Briscoe Floodwall, Kent



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McAleeer-Lyon Creek, Lake Forest Park



Coal Creek, Bellevue

# PRELIMINARY DRAFT Capital External Revenue Assumptions

## 2014 CIP Grant Assumptions

5/17/2013

Grant	Name	2013	2014	2015
E12-211	Snoq Res Flood Mit 2012 SRL Elevations	\$476,627		
E12-212	Snoq Res Flood Mit 2012 SRL Acquisition (Vance)	\$411,480		
E13-177	PDM Upper Snoqualmie Valley Home Elevation	\$706,262		
G1200303	Boeing Levee Ecology - Kent	\$2,070,000		
G1200304	Hawley Rd Levee Ecology - Kent	\$900,000		
PW-1653	Belmondo FEMA Reimbursement	\$1,696,980		
PW-1713	Cedar Rapids FEMA Reimbursement	\$1,000,000		
	Briscoe Levee DOE Grant		\$7,000,000	
	Countyline NRDA		\$2,000,000	\$2,775,000
	WA State SWIF Pilot Funding		\$317,500	
		<b>\$7,261,349</b>	<b>\$9,317,500</b>	<b>\$2,775,000</b>

NOTE: Pending FEMA grant for home elevations (@ \$1M) in the Snoqualmie may be approved before November. If approved, 2014 expenditure would increase, backed by FEMA revenue.

# PRELIMINARY DRAFT Capital Construction Schedule Highlights

# Belmondo Revetment, Cedar River

2012 Revetment Enhancement  
100 lf rock toe, vegetated geogrid

2013 Revetment Enhancement  
270 lf vegetated geogrid, 2 ELJS,  
boulder clusters, bank trees

2010 Revetment Repair  
150 lf vegetated geogrid, ELJ

Project History & Planned Project

# Cedar River Gravel Removal



**February 1996**  
Flood peak 7520 cfs in Renton

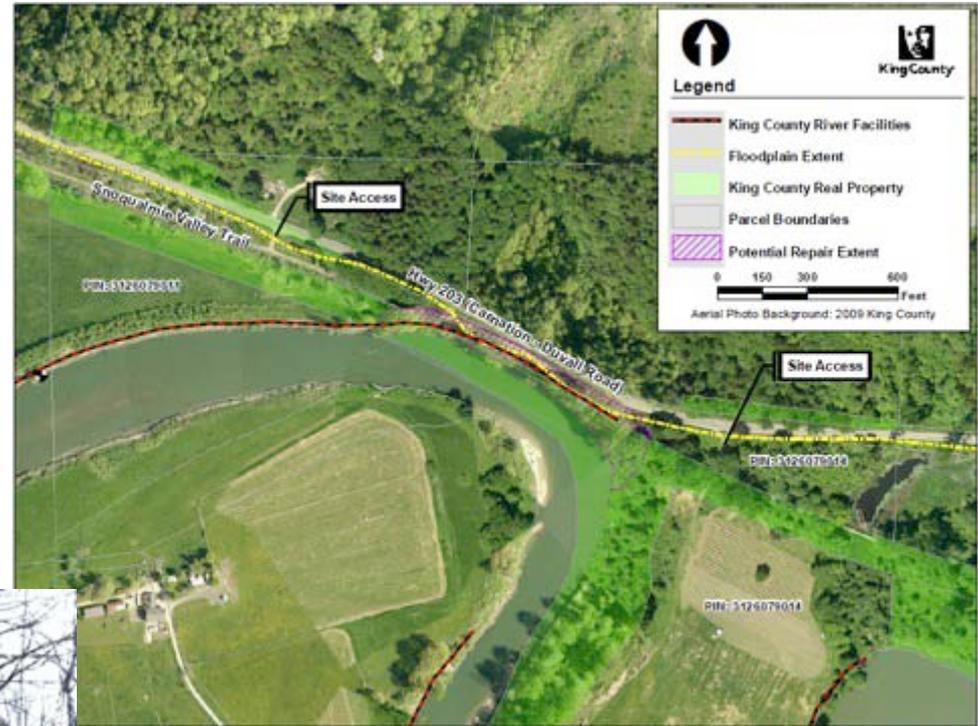
- Dredging channel to maintain capacity



**January 2009**  
Flood peak 9470 cfs in Renton

## Sinerra Qualle Upper

- Rapidly eroding bank
- Protects SR 203, Snoqualmie Valley Trail
- 2014 or 2015 construction
- Possible partnership with WSDOT



**Project Benefits:** Provide erosion protection for SR 203, regional fiber optic trunk line, and Snoqualmie Valley Regional Trail

# Winkelman

## (Tolt Pipeline Protection)

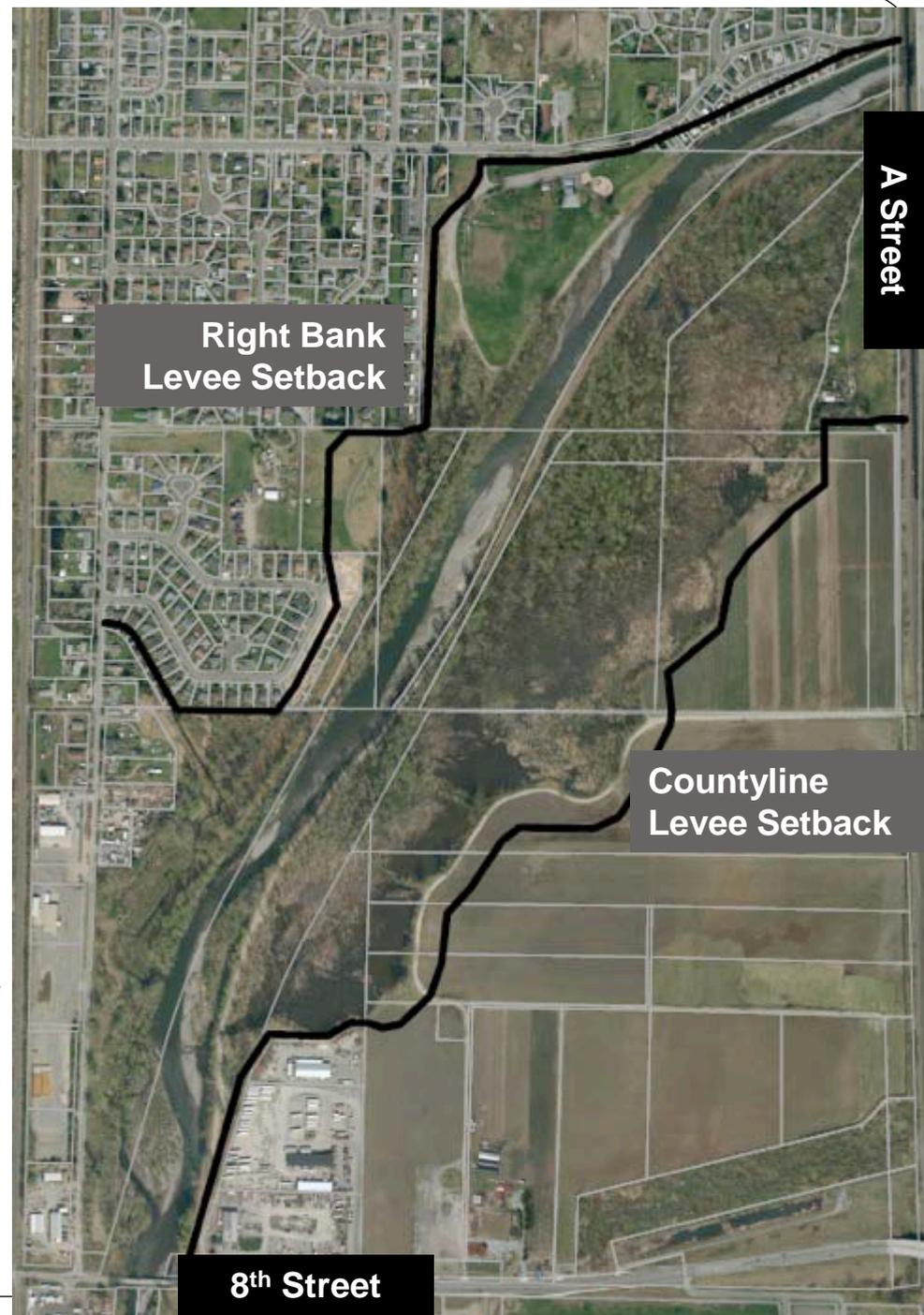
- Rapidly eroding bank
- Protects SPU Tolt water supply pipeline
- 2015 construction



**Project Benefit:** Provides erosion protection for the Tolt River water supply pipeline, which carries 30% of potable water supply to north-end communities supplied by Seattle

# White River: Countyline and Right Bank

- Proposed KCFCD capital projects are levee setbacks to provide increased flood capacity
- Two large-scale projects are proposed to be installed between A-Street and 8th Street bridges
  - Countyline Levee Setback
  - Right Bank (Pacific) Levee Setback

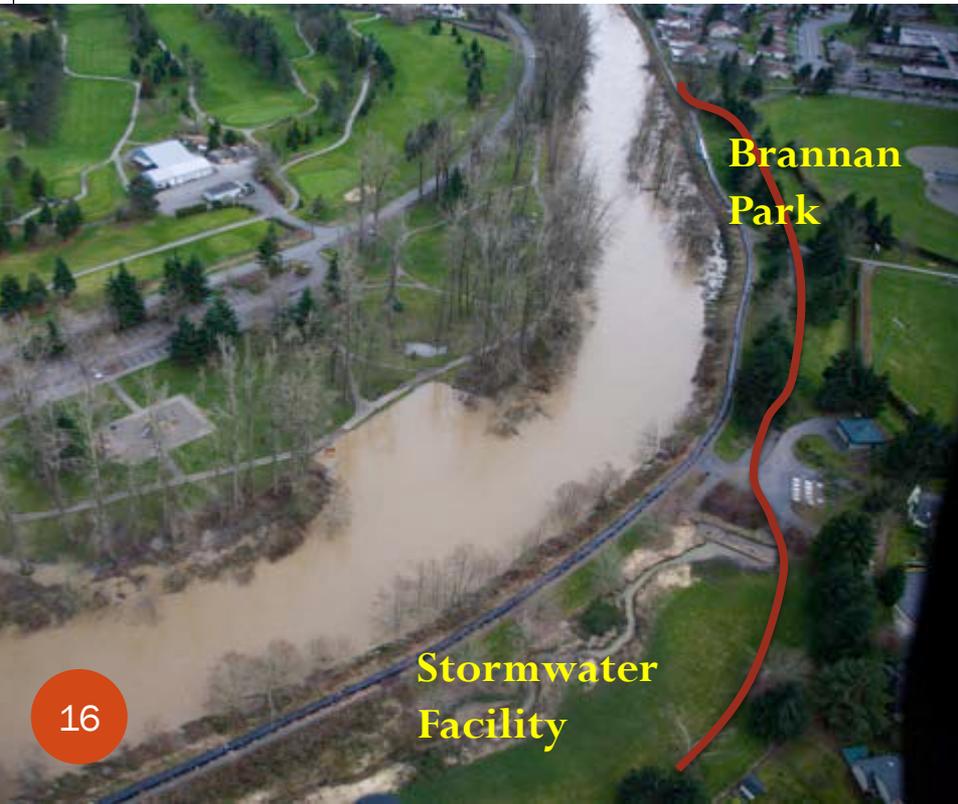


# Black River Pump Station Improvements



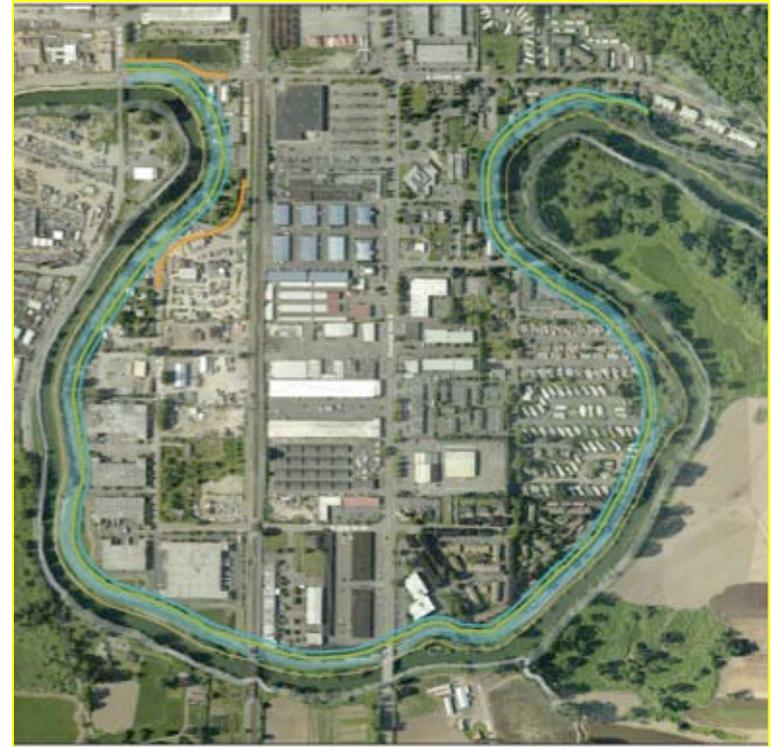
# Reddington Levee Setback

- **Project Benefits:** Protect 596 residential and commercial properties with assessed value of \$680 million, designed for 0.2% annual flood (500-year)
- \$1 million state grant (terms require construction in 2013)



# Horseshoe Bend Levee Rehabilitation

- Provide integrated system of stable levees to protect Kent, Renton and regionally significant land uses
- Design and construction depend on outcome of SWIF and USACE Regional Solutions Team
  - Deficiencies include steep slopes, vegetation, encroachments



# Upper Russell Road Levee

## Problem:

- Levee is too steep, structurally inadequate, and subject to chronic, ongoing, and repeated slope undercutting and slumping failures.
- Flood impacts extend north through densely developed and populated commercial and residential areas of Kent and Renton

## Proposed Solution:

- Acquire needed right-of-way (no structures) and relocate Russell Road/James St intersection so levee can be set back to a stable geometry
- Possible SWIF “Early Action”?



# BTC Comments on Preliminary Draft

Operating: No concerns identified to date.

## Capital:

1. If we are doing a corridor planning effort should we commit funding to specific capital projects in advance of completing the planning effort? Under what circumstances can actions move forward in advance of the larger planning effort?
2. Should new projects be considered for the CIP at this time, and if so how do other jurisdictions submit new project ideas for consideration?
  - If yes, are coastal projects eligible for funding? What about urban streams and stormwater?
3. Should FEMA accreditation be a policy priority for District funding?
4. Should we have predetermined allocations for each basin from year to year, or adjust the CIP across the entire county?
5. Should the 2012 resolution approving the sandbag removal expenditures on the Green be amended?
6. How do we make sure that the CIP reflects the highest priority needs across the county?

# Discussion

- Questions?
- Comments?
- What additional information would you like to see?



# Flood Preparedness Information

## King County Flood Services

[www.kingcounty.gov/flood](http://www.kingcounty.gov/flood)

- King County Flood Alerts
- King County flood gage and phase information
- Sandbag distribution information

## King County Flood Control District

[www.kingcountyfloodcontrol.org](http://www.kingcountyfloodcontrol.org)